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(56) Documents cited  
 GBA 2099038  
 GBA 2063952  
 GBA 2016574  
 GB 1555087  
 GB 1307026  
 GB 0436275

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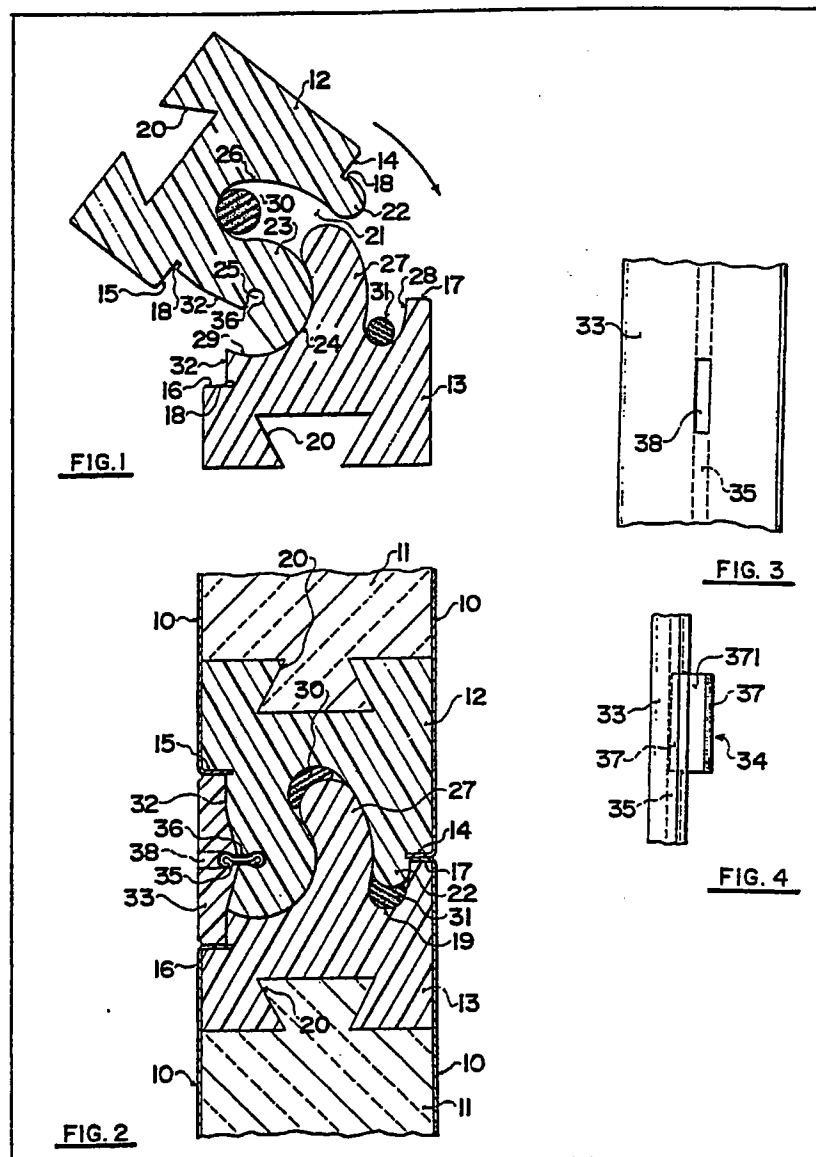
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(54) Pivotal assembly of insulated  
 wall panels

(57) The joint assembly comprises a  
 pair of strips 13, 12 secured to the  
 edges of respective panels by folding  
 the outer skins 10 and by a dovetail  
 joint 20 with the foam insulation  
 material 11. The connecting strips  
 provide a curved tongue 27 and  
 groove 21. The groove strip has a  
 pivotal body 23 of part-cylindrical

shape so that one strip can be pivoted  
 relative to the other for tongue 27 to  
 enter groove 21. Pivotal body 23 lies  
 to one side of tongue 27 and  
 intermediate the height thereof so that  
 in the desired orientation, the curved  
 surfaces of tongue 27 and groove 21  
 prevent withdrawal of tongue 27 by  
 linear movement. A locking strip 33  
 can be inserted into a groove; it  
 includes spaced clips 34.



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FIG. 1 is a perspective view of a folded sheet of material 33. The sheet is folded along a central vertical crease 35, creating two symmetrical halves. A rectangular slot 38 is formed in the center of the sheet, spanning across the crease. The edges of the sheet are slightly wavy.

**FIG. 2**